



**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
Islamabad**



MONSOON 2019 DAILY SITUATION REPORT NO – 033
(PERIOD COVERED: 1300 HRS 1 August 2019 – 1300 HRS 2 August 2019)

1. **Area Affected**

Ser	Province	Area Affected
a.	Federal	NTR
b.	Punjab	NTR
c.	KP	<ul style="list-style-type: none"> On 1 August 2019, due to heavy rains 1x house collapsed incidents reported in District Bajour, resulting 1x deaths, 1x injured, 2x cows perished and 1x fully houses partially damaged. On 1 August 2019, due to heavy rains 1x cattle shed collapsed reported in District Buner, resulting 3x cows perished.
d.	Sindh	NTR
e.	Balochistan	NTR
f.	Gilgit Baltistan	GBDMA has forwarded the consolidated state of damages and relief provided during Monsoon Season.
g.	AJ&K	NTR

2. **Extend of Damages**

a. **Damages**

Ser	Category	Nos	Damaged/Washed Away/ Affected
<u>Khyber Pakhtunkhwa (Chitral)</u>			
a.	Roads/Track	1	Road between Chitral City and Golen Valley is damaged / blocked
b.	Bridges	3	Washed Away
c.	Households	400	Affected
d.	Water Sup	1	Water Supply to Chitral Town has Interrupted
e.	Power houses	3	Damaged
<u>Azad Jammu & Kashmir (AJ&K) Leswa Village</u>			
a.	Roads/Track	1	
b.	Houses	120	
c.	Shops	39	
d.	Mosques	2	

b. **Preliminary Damages of Common Infrastructure and Private Properties**

Province wise	Roads / Track	Bridge	Shop	Hotel	Masjid	Houses		Power Houses
						Partially Damage	Fully Damage	
Punjab	-	-	-	-	-	28	4	-

Province wise	Roads / Track	Bridge	Shop	Hotel	Masjid	Houses		Power Houses
						Partially Damage	Fully Damage	
KP	1	3	2	-	1	45	12	3
Sindh	-	-	-	-	-	-	-	-
Balochistan	-	-	-	-	-	-	-	-
GB	32*	11*	8*	-	-	25	34	-
AJ&K	1	-	43	-	3	39	55	-
Total	34	14	45	-	4	137	105	3

* GBDMA has forwarded the consolidated state of damages during Monsoon.

c. **Preliminary Casualty – Death/ Injured (from 1-25 July 2019)**

Provinces	Deaths				Injured			
	M	F	C	T	M	F	C	T
Punjab	11	5	7	23	36	-	-	36
KP	8	6	17	31	15	5	5	25
Sindh	11	-	-	11	-	-	-	-
Balochistan	5	1	4	10	4	-	6	10
GB	2	1	1	4	-	-	2	2
AJ&K	18	12	-	30	12	1	-	13
TOTAL	55	25	29	109	67	6	13	86

* GBDMA has forwarded the consolidated state of damages during Monsoon.

3. **Flood Relief Activities**

- a. **Rescue Activities.** NTR.
- b. **Aviation Activities.** NTR.
- c. **Relief Activities**

Province wise	Tents	Food Items (Tons)	Blankets	Plastic mats	Sleeping bags
NDMA	500	2.1	800	-	-
Punjab	-	-	-	-	-
KP	27	4.25	-	-	-
Sindh	-	-	-	-	-
Balochistan	50	1	-	-	-
Gilgit Baltistan	43	2.93	95	96	-
AJ&K	150	11	200	200	100
Total	770	21.28	1095	296	100

* GBDMA has forwarded the consolidated state of Relief Activities during Monsoon.

4. **Threat to Next Likely Areas.** NTR.

5. **River Discharges.** River Indus at Tarbela, Kalabagh, Chashma & Taunsa, River Chenab at Marala & Khanki and River Kabul at Nowshera are in Low Flood Level. Details of river discharges is attached as **Annex A.**

6. **Dams Level**

Serial	Reservoirs	Max Conservation Level & Storage		Current Level & Storage		Remaining Level & Storage	
		(Feet)	(MAF*)	(Feet)	(MAF*)	(Feet)	(MAF*)
a.	Tarbela	1,550.00	6.049	1,534.00	5.148	16.00	0.901
b.	Mangla	1,242.00	7.356	1,192.70	3.980	49.30	3.376
c.	Chashma	649.00	0.278	641.00	0.040	8.00	0.254
Total storage till 25 July 2019		- 9.168 (MAF)					
Remaining storages		- 4.515 (MAF)					

7. **Weather Forecast for Next 24 Hours.** Scattered thunderstorm / rain with isolated heavy falls is expected over Upper Catchments of all the major rivers alongwith Malakand, Hazara, Peshawar, Kohat, Bannu, D.I. Khan, Rawalpindi, Gujranwala & D.G. Khan Divisions. Isolated thunderstorm / rain is expected over Sargodha, Faisalabad, Lahore, Sahiwal, Bahawalpur & Multan Divisions and East Balochistan. Wet spell is likely to decrease further. Last 24 hours significant rainfall recorded is attached as **Annex B.**

8. **Weather / Flood Outlook from 31 July – 2 August 2019.** Met office informed that monsoon currents presently active over lower parts of the country are expected to weaken during next 24 hours. However, strong monsoon currents from Arabian Sea and Bay of Bengal are likely to penetrate upper parts of the country from Wednesday (evening/night). A westerly wave is also likely to interact with monsoon currents on Thursday and Friday. Under the influence of this weather system:-

- Widespread rains/wind-thunderstorm (with isolated heavy to very heavy falls) are expected in Hazara, Malakand, Peshawar, Mardan, Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad Divisions, Islamabad and Kashmir from Wednesday (evening/night) to Friday.
- Scattered rains/wind-thunderstorm (with isolated heavy falls) is also expected in Kohat, Bannu, D.I. Khan, Zhob, D.G. Khan, Multan and Sahiwal divisions and Gilgit Baltistan during Thursday and Friday.
- Note:** Heavy falls may generate Flash Flooding in Hazara, Malakand, Rawalpindi, Gujranwala, D.G. Khan Divisions and Kashmir, while Urban Flooding in Peshawar, Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad Divisions during Thursday and Friday. Possibility of landslide in Malakand, Hazara divisions, Gilgit Baltistan and Kashmir cannot be ruled out during the period.

9. **Flood Warning / Alert.** Met office informed according to the latest Hydro-Meteorological prevailing conditions, Moderate to strong Monsoon currents interacting with westerly wave are affecting the Upper Catchments of all the major Rivers alongwith Upper Catchments of river Kabul and associated Nullahs / Tributaries. Under the influence of this weather system, rivers situation during next 72-hours is likely to remain as under:-

- Medium to High level flows are expected in the River Jhelum & Chenab and Medium Level flows are also expected in River Kabul and Indus.

- b. Medium to High level flows are expected in the Nullahs of Rivers Chenab & Ravi along with Hill Torrents of DG Khan Division.
- c. Urban Flooding is also likely in Peshawar, Rawalpindi, Faisalabad, Gujranwala, Lahore & Sargodha Divisions.

10. **Daily Flood / Base Flow Data Obtained from India.** NTR.

11. **Miscellaneous.** NTR.

RIVERS FLOW SITUATION REPORTED BY FLOOD FORECASTING DIVISION

Rivers Flow	River / Structure	Design Capacity	Actual Observed Flow		Forecast for Next 24 hrs (Inflow)	Forecasted Flood Level (Inflow)	Danger Level (V. High Flood)
			Inflow	Outflow			
River Indus	Tarbela	1,500	334.0	255.7	330 – 350	Low	650
	Kalabagh	950	331.3	323.7	330 – 375	Low-Medium	650
	Chashma	950	311.1	289.8	320 – 365	Low	650
	Taunsa	1,100	329.6	307.9	320 – 335	Low	650
	Guddu	1,200	228.0	190.7	230 – 240	Low	700
	Sukkur	1,500	178.2	122.4	180 – 190	Below Low	700
	Kotri	875	90.4	60.5	No Significant Change	Below Low	650
River Kabul	Nowshera	540	79.5	79.5	70 – 80	Low	200
River Jhelum	Mangla	1,060	55.0	11.2	50 – 75	Low	225
	Rasul	850	8.2	5.3	No Significant Change	Below Low	225
River Chenab	Marala	1,100	126.7	102.5	100 – 125	Low	400
	Khanki	800	119.1	111.8	100 – 120	Low	400
	Qadirabad	807	116.3	98.3	100 – 115	Low	400
	Trimmu	645	71.3	58.7	70 – 90	Below Low	450
	Panjnad	700	33.9	17.9	35 – 45	-do-	450
River Ravi	Jassar	275	13.8	13.8	10 – 20	-do-	150
	Shahdara	250	30.0	30.0	25 – 35	-do-	135
	Balloki	225	43.5	12.4	45 – 65	Low-Medium	135
	Sidhnai	150	20.9	6.6	No Significant Change	Below Low	90
River Sutlej	G.S.Wala	-	0.00	0.00	No Significant Change	-do-	50
	Sulemanki	325	14.1	3.3	-do-	-do-	175
	Islam	300	4.3	2.9	-do-	-do-	175

Note. All data in Thousands of Cusecs.

Annex B

To NDMA SITREP No-033

dated 2 August 2019

PAST METEOROLOGICAL SITUATION AND FUTURE FORECAST BY PMD

1. **Significant Rainfall Reported Last 24 Hours**

- a. **Islamabad**. Shamsabad 6 mm, Zeropoint 5 mm, Golra 4 mm, Old Airport 4 mm, Saidpur 3 mm, Bokra 3 mm and New Airport 2 mm.
- b. **Balochistan**. Barkhan 22 mm and Khuzdar 3 mm.
- c. **Khyber Pakhtunkhwa**. Kurram Garhi 17 mm, Kakul 5 mm, Peshawar 4 mm, Cherat 3 mm, Dir 3 mm, Malam Jabba 2 mm, Phulra 1 mm, Warsak 1 mm, Mohmand Dam 1 mm, Lower Dir 1 mm and Takht Bai 1 mm.
- d. **Punjab**. Gujranwala 92 mm, Lahore 73 mm, Sialkot 72 mm, Kasur 66 mm, Mangla 53 mm, Chakwal 36 mm, hafizabad 24 mm, Mandi Bahauddin 20 mm, Jhelum 11 mm, Multan 10 mm, Gujrat 10 mm, Attock 9 mm, Barnala 6 mm, Murree 4 mm, D. G. Khan 4 mm, Bahawalnagar 1 mm, Noorpur Thal 1 mm, Layyah 1 mm, Zafarwal 1 mm and Narowal 1 mm.
- e. **Sindh**. Nil.
- f. **AJ&K**. Kotli 27 mm, Muzaffarabad 14 mm, Sehrkakota 10 mm, Palandri 9 mm, Kallar 8 mm, Panjera 5 mm, Palote 5 mm, Chattar Kallas 2 mm, Rawalakot 1 mm, Hajira 1 mm, Bandi Abbaspur 1 mm, Domel 1 mm, Tandali 1 mm and Haraman 1 mm.
- g. **Gilgit Baltistan**. Nil.